

Form PTO-1449 (modified)  
List of Patents and Publications  
For Applicant's Information  
Disclosure Statement  
(Use several sheets if necessary)

ATTY. DKT. NO. 5181-64900

APPLICANT: Slaughter et al

FILING DATE: September 12, 2000

SERIAL NO. 09/660,563

GROUP: 2152

## U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AB	A1	5,455,952	10/3/95	Gjovaag			
	A2	5,386,568	1/31/95	Wold, et al.			
	A3	5,423,042	6/6/95	Jalili, et al.			
	A4	5,481,721	1/2/96	Serlet, et al.			
	A5	5,557,798	9/17/96	Skeen, et al.			
	A6	5,944,793	8/31/99	Islam, et al.			
	A7	5,946,485	8/31/99	Weeren, et al.			
	A8	5,946,694	8/31/99	Copeland, et al.			
	A9	4,491,946	1/1/85	Kryshow, Jr., et al.			
	A10	4,713,806	12/15/87	Oberlander, et al.			
	A11	4,809,160	2/28/89	Mahon, et al.			
	A12	4,939,638	7/3/90	Stephenson, et al.			
	A13	5,088,036	2/11/92	Ellis, et al.			
	A14	4,823,122	4/18/89	Mann, et al.			
	A15	4,956,773	9/11/90	Saito, et al.			
	A16	5109,486	4/28/92	Seymour			
	A17	5,187,787	2/16/93	Skeen, et al.			
	A18	5,218,699	6/8/93	Brandle, et al.			
	A19	5,257,369	10/26/93	Skeen, et al.			
	A20	5,293,614	3/8/94	Ferguson, et al.			
	A21	5,297,283	3/22/94	Kelly, Jr., et al.			
	A22	5,307,490	4/26/94	Davidson, et al.			
	A23	5,311,591	5/10/94	Fischer			
	A24	5,339,435	8/16/94	Lubkin, et al.			
	A25	5,390,328	2/14/95	Frey, et al.			
	A26	5,440,744	8/8/95	Jacobson, et al.			

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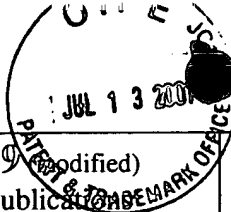
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EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
QB	A27	5,448,740	9/5/95	Kiri, et al.			
	A28	5,452,459	9/19/95	Drury, et al.			
	A29	5,471,629	11/28/95	Risch			
	A30	5,475,792	12/12/95	Stanford, et al.			
	A31	5,475,817	12/12/95	Waldo, et al.			
	A32	5,504,921	4/2/96	Dev, et al.			
	A33	5,511,197	4/23/96	Hill, et al.			
	A34	5,524,244	6/4/96	Robinson, et al.			
	A35	5,553,282	9/3/96	Parrish, et al.			
	A36	5,555,367	9/10/96	Premarlani, et al.			
	A37	5,555,427	9/10/96	Aoe, et al.			
	A38	5,560,003	9/24/96	Nilsen, et al.			
	A39	5,561,785	10/1/96	Blandy, et al.			
	A40	5,577,231	11/19/96	Scalzi, et al.			
	A41	5,594,921	1/14/97	Pettus			
	A42	5,603,031	2/11/97	White, et al.			
	A43	5,680,573	10/21/97	Rubin, et al.			
	A44	5,680,617	10/21/97	Gough, et al.			
	A45	5,684,955	11/4/97	Meyer, et al.			
	A46	5,689,709	11/18/97	Corbett, et al.			
	A47	5,706,435	1/6/98	Barbara, et al.			
	A48	5,706,502	1/6/98	Foley, et al.			
	A49	5,724,588	3/3/98	Hill, et al.			
	A50	5,727,145	3/10/98	Nessett, et al.			
	A51	5,617,537	4/1/97	Yamada, et al.			
	A52	5,628,005	5/6/97	Hurvig			
	A53	5,640,564	6/17/97	Hamilton, et al.			

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JB	A54	5,644,768	7/1/97	Periwal, et al.			
	A55	5,652,888	7/29/97	Burgess, et al.			
	A56	5,655,148	8/5/97	Richman, et al.			
	A57	5,659,751	8/19/97	Heninger			
	A58	5,671,225	9/23/97	Hooper, et al.			
	A59	5,675,796	10/7/97	Hodges, et al.			
	A60	5,737,607	4/7/98	Hamilton, et al.			
	A61	5,745,678	4/28/98	Herzberg, et al.			
	A62	5,745,695	4/28/98	Gilchrist, et al.			
	A63	5,745,703	4/28/98	Cejtin, et al.			
	A64	5,745,755	4/28/98	Covey			
	A65	5,748,897	5/5/98	Katiyar			
	A66	5,754,849	5/19/98	Dyer, et al.			
	A67	5,757,925	5/26/98	Faybishenko			
	A68	5,761,656	6/2/98	Ben-Shachar			
	A69	5,764,897	6/9/98	Khalidi			
	A70	5,768,532	6/16/98	Megerian			
	A71	5,774,551	6/30/98	Wu, et al.			
	A72	5,778,228	7/7/98	Wei			
	A73	5,778,368	7/7/98	Hogan, et al.			
	A74	5,787,425	7/28/98	Bigus			
	A75	5,787,431	7/28/98	Shaughnessy			
	A76	5,790,548	8/4/98	Sistanizadeh, et al.			
	A77	5,802,367	9/1/98	Held, et al.			
	A78	5,808,911	9/15/98	Tucker, et al.			
	A79	5,809,507	9/15/98	Cavanaugh, III			
✓	A80	5,813,013	9/22/98	Shakib, et al.			

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JB	A81	5,815,149	9/29/98	Mutschler, III et al.			
	A82	5,815,709	9/29/98	Waldo, et al.			
	A83	5,815,711	9/29/98	Sakamoto, et al.			
	A84	5,818,448	10/6/98	Katiyar			
	A85	5,829,022	10/27/98	Watanabe, et al.			
	A86	5,832,219	11/3/98	Pettus			
	A87	5,832,529	11/3/98	Wollrath, et al.			
	A88	5,832,593	11/10/98	Wurst, et al.			
	A89	5,835,737	11/10/98	Sand, et al.			
	A90	5,842,018	11/24/98	Atkinson, et al.			
	A91	5,844,553	12/1/98	Hao, et al.			
	A92	5,845,129	12/1/98	Wendorf, et al.			
	A93	5,860,004	1/12/99	Fowlow, et al.			
	A94	5,860,153	1/12/99	Matena, et al.			
	A95	5,864,862	1/26/99	Kriens, et al.			
	A96	5,864,866	1/26/99	Henckel, et al.			
	A97	5,872,928	2/16/99	Lewis, et al.			
	A98	5,872,973	2/16/99	Mitchell, et al.			
	A99	5,875,335	2/23/99	Beard			
	A100	5,878,411	3/2/99	Burroughs, et al.			
	A101	5,884,024	3/16/99	Lin, et al.			
	A102	5,884,079	3/16/99	Furusawa			
	A103	5,887,134	3/23/99	Ebrahim			
	A104	5,890,158	3/30/99	House, et al.			
	A105	5,892,904	4/6/99	Atkinson, et al.			
	A106	5,933,497	8/3/99	Beetcher, et al.			
J	A107	5,935,249	8/10/99	Stern, et al.			

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Information Disclosure Statement--PTO 1449 (modified)

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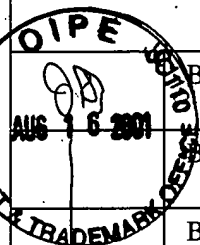
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B2	Agha, et al., "Actorspaces: An Open Distributed Programming Paradigm," University of Illinois, Report No. UIUCDCS-R-92-1766, Open Systems Laboratory TR NO. 8, pp. 1-12, November 1992.
B3	Ahmed, et al., "A Program Building Tool for Parallel Applications," Yale University, pp. 1-23, December 1, 1993.
B4	Aldrich, et al., "Providing Easier Access to Remote Objects in Client-Server Systems," System Sciences, 1998, Proceedings of the 31 <sup>st</sup> Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 366-375.
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B6	Anderson, et al., "Persistent Linda: Linda + Transaction + Query Processing," Proceedings of the 13 <sup>th</sup> Symposium on Fault Tolerant Systems, pp. 93-109, 1991.
B7	"Transparent Network Computing," Locus Computing Corporation, January 5, 1995.
B8	Alexander, et al., "Active Bridging," Proceedings of the ACM/SIGCOMM'97 Conference, Cannes, France, September, 1997.
B9	Beech, et al., "Object Databases as Generalizations of Relational Databases," Computer Standards & Interfaces, Vol. 13, Nos. 1/3 pp. 221-230, Amsterdam, NL, January 1991.
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B11	Betz, et al, "Interoperable Objects: Laying the Foundation for Distributed Object Computing," Dr. Dobb's Journal, Vol. 19, NO. 11, page 18(13), October 1994.
B12	Bevan, et al., "An Efficient Reference Counting Solution To The Distributed Garbage Collection Problem," Parallel Computing, NL, Elsevier Science Publishers, Amsterdam, Vol. 9, No. 2, pages 179-192, January 1989.
B13	Birrell, et al., "Distributed Garbage Collection for Network Objects," Digital Systems Research Center, NO. 116, pages 1-18, December 15, 1993.
B14	Birrell, et al., "Grapevine: An Exercise in Distributed Computing," Communications fo the ACM, Vol. 25, No. 4, pp. 260-274, April 1982.
B15	Birrell, et al., "Network Objects," DEC SRC Research Report 115, February 28, 1995.
B16	Birrell, et al., "Implementing Remote Procedure Calls," ACM Transactions on Computer Systems, Vol. 2, No. 1, pp. 39-59, February 1994.
B17	Birrell, et al., "Network Objects," Operating Systems Review, 27(5), pp. 217-230, December 1993.
B18	Cannon, et al., "Adding Fault-Tolerant Transaction Processing to LINDA," Software-Practice and Experience, Vol. 24(5), pp. 449-466, May 1994.
B19	Cardelli, "Obliq, A Lightweight Language For Network Objects," Digital SRC, pp. 1-37, November 5, 1993.
B20	Carriero, et al., "Distributed Data Structures in Linda," Principles of Programming Language, pp. 1-16, 1986.

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B24	Dave, et al., "Proxies, Application Interface, And Distributed Systems," Proceedings International Workshop On Object Orientation In Operating Systems, pages 212-220, September 24, 1992.
B25	Deux, et al., "The O2 System," Communications Of The Association For Computing Machinery, Col. 34, No. 10, pages 34-48, October 1, 1991.
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B27	Dolev, et al., "On the Minimal Synchronism Needed for Distributed Consensus," Journal of the ACM, Vol. 34, NO. 1, pp. 77-97, January 1987.
B28	Dollimore, et al., "The design of a System for Distributing Shared Objects," The Computer Journal, No. 6, Cambridge, GB, December 1991.
B29	Dourish, "A Divergence-Based Model of Synchrony and Distribution in Collaborative Systems," Xerox Technical Report EPC-1194-102, pp. 1-10, 1994.
B30	Drexler, et al., "Incentive Engineering for Computational Resource Management," The Ecology of Computation, Elsevier Science Publishers B.V., pp. 231-266, 1988.
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B32	Droms, "RFC 1541 Dynamic Host Configuration Protocol," < <a href="http://www.cis.ohio-state.edu.htbin/rfc/rfc1541.html">http://www.cis.ohio-state.edu.htbin/rfc/rfc1541.html</a> >, pages 1-33, October 1993.
B33	Emms, "A Definition Of AN Access Control Systems Language," Computer Standards And Interfaces, Vol. 6, No. 4, pp. 443-454, January 1, 1997.
B34	Fleisch, et al., "High Performance Distributed Objects Using Distributed Shared Memory & Remote Method Invocation," System Sciences, 1998, Proceedings of the 31 <sup>st</sup> Hawaii Internat'l. Conference, Jan. 6-9, 1998, pp. 574-578.
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B36	Gottlob, et al., "Extending Object-Oriented Systems with Roles," ACM Transactions On Information Systems, Vol. 14, NO. 3, pp. 268-296, July 1996.
B37	Gray, et al. "Leases: An Efficient Fault-Tolerant Mechanism for Distributed File Cache Consistency," ACM, pp. 202-210, 1989.
B38	Guth, "JavaOne: Sun to Expand Java Distriubted Computing Effor," < <a href="http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html">http://www.sunworld.com/swol-02-1998/swol-02-sunspots.html</a> >, XP-002109935, p.1, February 20, 1998.
B39	Guyennet, et al., "A New Consistency Protocol Implemented in the CaliF System," IEEE, 1094-7256/97, pp. 82-87, 1997.

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B40	Guyennet, et al., "Distributed Shared Memory Layer for Cooperative Work Applications," IEEE, 0742-1303/97, pp. 72-78, 1997.		
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B42	Hamilton, "Java and the Shift to Net-Centric Computing," Computer, pp. 31-39, August 1996.		
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B44	Hartman, et al., "Liquid Software: A New Paradigm For Networked Systems," Technical Report 96-11, Dept. of Comp. Sci., Univ. of Arizona, June 1996.		
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B46	Pier, "A Retrospective on the Dorando, A High-Performance Personal Computer," Xerox Corporation, August 1983.		
B47	Pinakis, "Using Linda as the Basis of an Operating System Microkernel," University of Western Australia, Dept. of Computer Science, pp. 1-165, August 1993.		
B48	Riggs, et al., "Picking State in the Java <sup>TM</sup> System," USENIX, Association Conference on Object-Oriented Technologies and Systems, CP-002112719, pp. 241-250, June 17-21, 1996.		
B49	Rosenberry, et al., "Understanding DCE," Chapters 1-3, 6, 1992.		
B50	Sharrott, et al., "ObjectMap: Integrated High Performance Resources into a Distributed Object-oriented Environment," ICODP, 1995.		
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B53	Venners, "Jini Technology, Out of the Box," JAVAWORLD, 'Online!', pp. 1-4, December 1998.		
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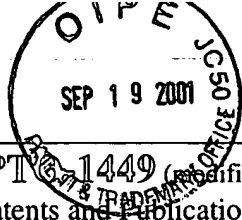
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B78	Kambhatla, et al., "Recovery with Limited Replay: Fault-Tolerant Processes in Linda," Oregon Graduate Institute, Technical Report CSIE 90-019, pp. 1-16, September 1990.
B79	Kay, et al., "An Overview of the Raleigh Object-Oriented Database System," ICL Technical Journal, Vol. 7, No. 4, pp. 780-798, Oxford, GB, November 1991.

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<b>Form PTO 1449 (modified)</b> List of Patents and Publications For Applicant's Information Disclosure Statement (Use several sheets if necessary)	<b>ATTY. DKT. NO.</b> 5181-64900  <b>APPLICANT:</b> Slaughter et al.  <b>FILING DATE:</b> September 12, 2000	<b>SERIAL NO.</b> 09/660,563  <b>GROUP:</b> 2152
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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
JPB	D1	5,778,187	7/7/98	Monteiro, et al.			
	D2	5,832,529	11/3/98	Wollrath, et al.			
↓	D3	6,016,500	1/18/00	Waldo, et al.			

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
JPB	C1	11-45187	10/10/97	JP			
	C2	2 253 079	8/26/92	GB			
	C3	2 262 825	6/30/93	GB			
	C4	2 305 087	3/26/97	GB			
	C5	300 516	1/25/89	EP			
	C6	351 536	1/24/90	EP			
	C7	384 339	8/29/90	EP			
	C8	472 874	3/4/92	EP			
	C9	474 340	3/11/92	EP			
	C10	497 022	8/5/92	EP			
	C11	555 997	8/18/93	EP			
	C12	565 849	10/20/93	EP			
	C13	569 195	11/10/93	EP			
	C14	697 655	2/21/96	EP			
	C15	660 231	6/28/95	EP			
	C16	651 328	5/3/95	EP			
	C17	625 750	11/23/94	EP			
	C18	718 761	6/26/96	EP			
	C19	767 432	4/9/97	EP			
	C20	778 520	6/11/97	EP			
	C21	794 493	9/10/97	EP			

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**List of Patents and Publications**  
**For Applicant's Information**  
**Disclosure Statement**  
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ATTY. DKT. NO. 5181-64900

APPLICANT: Slaughter et al.

FILING DATE: September 12, 2000

SERIAL NO. 09/660,563

GROUP: 2152

## FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
JB	C22	803 810	10/29/97	EP			
	C23	803 811	10/29/97	EP			
	C24	805 393	11/5/97	EP			
	C25	810 524	12/3/97	EP			
	C26	817 020	1/7/98	EP			
	C27	817 022	1/7/98	EP			
	C28	817 025	1/7/98	EP			
	C29	836 140	4/15/98	EP			
	C30	92/07335	4/30/92	WO			
	C31	92/09948	6/11/92	WO			
	C32	93/25962	12/23/93	WO			
	C33	94/03855	2/17/94	WO			
	C34	96/10787	4/11/96	WO			
	C35	96/03692	2/8/96	WO			
	C36	96/18947	6/20/96	WO			
	C37	96/24099	8/8/96	WO			
	C38	98/02814	1/22/98	WO			
	C39	98/04971	2/5/98	WO			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JB	C40	Jaworski, "Java 1.1 Developer's Guide, 2 <sup>nd</sup> Edition," Sams.net, 1997.
	C41	Coulouris, et al., "Distributed Systems Concepts and Designs," Second Edition, Addison-Wesley, 1994.
	C42	Mullender, "Distributed Systems," Second Edition, Addison-Wesley, 1993.
	C43	Lindholm, et al., "The Java <sup>TM</sup> Virtual Machine Specification," Addison Wesley, 1996.
	D4	"SOAP: Simple Object Access Protocol," msdn online Web Workshop, Microsoft, April 26, 2000, <a href="http://msdn.Microsoft.com/xml/general/soapspec.asp">http://msdn.Microsoft.com/xml/general/soapspec.asp</a> , 34 pages.
	D4	Rob Guth, "Sun tries on JcaSpaces for Distributed OS," August 1997, Vol. 19, Issue 34, 2 pages.
	D6	Microsoft, "Microsoft.NET: Realizing the Next Generation Internet," A Microsoft White Paper, June 2000, 8 pages.

EXAMINER:

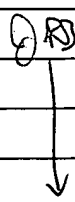
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**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
	D1	6,324,566	11/27/01	Himmel, et al.	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>RECEIVED</b>            NOV 08 2002            Technology Center 2100         </div>		
	D2	6,332,062	12/18/01	Phillips, et al.			
	D3	6,405,175	6/11/02	Ng			
	D4	5,649,186	7/15/97	Ferguson			

**FOREIGN PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	D6	Morgenthaler, et al., U.S. Publication No. 2002/0032677, Published March 14, 2002, entitled "Methods for Creating, Editing, and Updating Searchable Graphical Database and Databases of Graphical Images and Information and Displaying Graphical Images From a Searchable Graphical Database or Databases in a Sequential or Slide Show Format".
	D7	Granik, et al., U.S. Publication No. 2002/0010757, Published January 24, 2002, entitled "Method and Apparatus for Replacement of On-Line Advertisements".
	D8	Do Rosario Botelho, et al., U.S. Publication No. 2002/0069105, Published June 6, 2002, entitled "Data Processing System for Targeted Content".
	D9	Addante, U.S. Publication No. 2002/0004733, Published January 10, 2002, entitled "Method and Apparatus for Transaction Tracking Over a Computer Network".
	D10	Ullman, et al., U.S. Publication No. 2002/0038344, Published March 28, 2002, entitled "Enhanced Video Programming System and Method for Incorporating and Displaying Retrieved Integrated Internet Information Segments".
	D11	Uppaluru, U.S. Publication No. 2002/0080927, Published June 27, 2002, entitled "System and Method for Providing and Using Universally Accessible Voice and Speech Data Files".
	D12	XP-002211482, "Federating and Administering Lookup Services", pp. 320-329, 405-419, 635-656, June 1999.
	D13	XP-002212130, "The Search API's", pp. 297-305, 320-329, 635-656, June 1999.
	D14	"Network Nirvana and the Intelligent Device", Spotlight, XP-002927392, pp. 16-19, April 1999.
	D15	"JavaSpaces", Chapter 15, XP-002212109, pp. 636-657, June 1999.
	D16	"T Spaces", Wycoff, et al., 8M Systems Journal, pp. 454-474, 1998

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## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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Title of Invention	Mechanism and Apparatus for Accessing and Addressing Services in a Distributed Computing Environment																																																																
<p>Application Number: 09/660563</p> <p>Confirmation Number: 6903</p> <p>First Named Applicant: Gregory Slaughter</p> <p>Attorney Docket Number: 5181-64900</p> <p>Art Unit: 2152</p> <p>Search string: ( 6324566 or 6332062 or 6405175 or 5649186 or 6560633 or 6446108 or 6643650 or 20020032677 or 20020010757 or 20020069105 or 20020004733 or 20020038344 or 20020080927 or 20010047294 or 20020120685 or 20010054001 ).pn.</p> <p><b>RECEIVED</b> JAN 23 2004 Technology Center 2100</p>																																																																	
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>6324566</td><td>2001-11-27</td><td>Himmel et al</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>6332062</td><td>2001-12-18</td><td>Phillips et al</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>6405175</td><td>2002-06-11</td><td>Ng</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>5649186</td><td>1997-07-15</td><td>Ferguson</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>6560633</td><td>2003-05-06</td><td>Roberts et al</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>6446108</td><td>2002-09-03</td><td>Rosenburg et al</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>6643650</td><td>2003-11-04</td><td>Slaughter et al</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	6324566	2001-11-27	Himmel et al				<input checked="" type="checkbox"/>	2	6332062	2001-12-18	Phillips et al				<input checked="" type="checkbox"/>	3	6405175	2002-06-11	Ng				<input checked="" type="checkbox"/>	4	5649186	1997-07-15	Ferguson				<input checked="" type="checkbox"/>	5	6560633	2003-05-06	Roberts et al				<input checked="" type="checkbox"/>	6	6446108	2002-09-03	Rosenburg et al				<input checked="" type="checkbox"/>	7	6643650	2003-11-04	Slaughter et al			
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## Remarks

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Other art will be submitted with Form PTO-1449.

## Signature

Examiner Name	Date
<i>John P. Brando</i>	3-17-04



EXAMINER: John R. Brumley DATE CONSIDERED: 3-17-04

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